

SYSTEM AND METHOD FOR SECURE DUAL CHANNEL
COMMUNICATION THROUGH A FIREWALL

5 ABSTRACT OF THE DISCLOSURE

10 A server including a dual channel communications
module operable to establish a communication session
between the server and a client is provided. The server
may be operable to receive a dual channel communication
packet from the client. In a particular embodiment, the
dual channel communication packet may include a header in
a data payload. The header includes a client external IP
address, and the data payload includes an encoded port
command having a client internal IP address and a client
15 data port number. A codec operable to decode the port
command may also be provided. The server may also
include a translation module for retrieving the client
external IP address from the header. In a particular
embodiment, the server is operable to establish data
20 channel coordinates including the client external IP
address, the client data port number, a server internal
IP address and a server data port number.